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50X1-HUM

The feed box with reduction gear, the feed-change mechanism, and reverse gear box are located inside the knee. There are 16 different feeds ranging from 27 to 815 millimeters per minute. Feed is changed by means of a single hand wheel.

The column is bolted to the base. The horn for the knee elevating screw and the coolant pump are also secured to the base. The base hollow serves as a tank for the coolant.

All mechanisms of the machine are fully self-contained, which not only simplifies and facilitates assembly and dismantling for repair, but also facilitates organization of conveyor production of these machines.

With the exception of the column, the basic mechanisms of the 6N11 vertical machine are interchangeable with the horizontal model. The column is cast as a whole with the body on which the spindle and gear train are mounted. The gear box and belt drive are enclosed on the top of the column. Gang switches are located in a niche on the left side of the column.

This article is to be continued in a later edition of Stanki
i instrument.

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